

Converting Colors

YUV(104.9760, 23.1828,
-15.7650)

Have a look what the booklet for
YUV(104.9760, 23.1828, -15.7650)
contains.

YUV(104.9760, 23.1828, -15.7650)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(104.9760, 23.1828,
-15.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	576998
RGB	87, 105, 152
RGB Percent	34%, 41%, 60%
CMY	0.6588, 0.5882, 0.4039
CMYK	0.43, 0.31, 0.00, 0.40
HSL	223°, 27%, 47%
HSV	223°, 43%, 60%
XYZ	14.6496, 14.3964, 31.7124
YIQ	104.9760, -25.8150, 10.8010

Conversions

Conversions Part 2

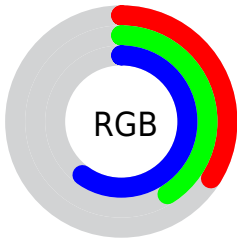
Format	Color
R_{YB}	87, 101, 152
Decimal	5728664
CIE _{Lab}	44.80, 6.03, -27.75
CIE _{LCh}	45, 28.399, 282.256
Yxy	14.3964, 0.2411, 0.2369
Android (android.graphics.Color)	4283918744 (0xFF576998)
YUV	104.9760, 23.1828, -15.7650
Hunter-Lab	37.9426, 2.5190, -22.9948

Details

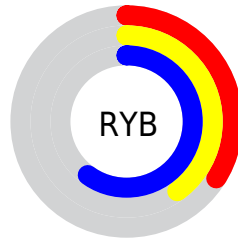
The YUV color **104.9760, 23.1828, -15.7650** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **134.0240, -23.1828, 15.7650**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7310, 24.7826, -15.5501**, and **56.3240, 22.0253, -17.8241** is the 20% darker color. If you saturate the color by 10%, you get **94.0340, 28.5772, -19.3238**, and if you desaturate by 10%, it is **115.9180, 17.7884, -12.2061**.

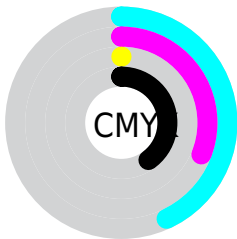
Distribution



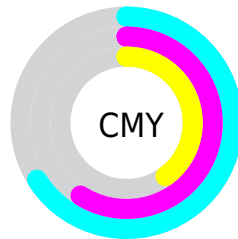
- Red (34%)
- Green (41%)
- Blue (60%)



- Red (34%)
- Yellow (40%)
- Blue (60%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)



- Cyan (66%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9760, 23.1828, -15.7650 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 104.9760, 23.1828, -15.7650 by changing the saturation by 10% instead.

■ 104.9760, 23.1828,
-15.7650

■ 104.9760, 23.1828,
-15.7650

■ 255.0000, 0.0000,
0.0000

■ 80.1500, 22.6040,
-16.7946

■ 156.7310, 24.7826,
-15.5501

■ 56.3240, 22.0253,
-17.8241

■ 184.1440, 25.0720,
-15.0353

■ 31.6930, 22.3364,
-24.2868

■ 210.3460, 22.0144,
-14.3354

■ 15.5480, 18.9568,
-13.6356

■ 236.0400, 9.3473,
-11.4361

■ 4.8220, 13.3988,
-4.2289

■ 254.1030, 0.4422,
-1.8443

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 104.9760, 23.1828,
-15.7650

■ 104.9760, 23.1828,
-15.7650

■ 94.0340, 28.5772,
-19.3238

■ 115.9180, 17.7884,
-12.2061

■ 83.0920, 33.9716,
-22.8827

■ 126.8600, 12.3940,
-8.6472

■ 71.8510, 39.5135,
-27.0563

■ 138.1010, 6.8522,
-4.4736

■ 60.9090, 44.9079,
-30.6152

■ 149.0430, 1.4578,
-0.9147

■ 49.9670, 50.3023,
-34.1741

■ 159.9850, -3.9366,
2.6442

■ 41.9820, 54.2389,
-36.8182

■ 170.9270, -9.3310,
6.2030

■ 181.8690,
-14.7254, 9.7619

■ 193.1100,
-20.2672, 13.9355

■ 204.0520,
-25.6616, 17.4944

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8150, 27.2062, -46.3188



104.9760, 23.1828, -15.7650



108.6050, 15.9707, 10.8704

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



104.9760, 23.1828, -15.7650



106.8060, -15.6804, 36.1271



95.4980, -2.2175, -35.5167

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



104.9760, 23.1828, -15.7650



134.0240, -23.1828, 15.7650

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.6120, -15.0917, -12.8147



104.9760, 23.1828, -15.7650



105.4210, -21.8996, 24.1868

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



104.9760, 23.1828, -15.7650



107.5750, -5.2135, 38.9607



103.6100, -21.9927, 7.3580



86.2520, 14.1728, -65.9960

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



104.9760, 23.1828, -15.7650



108.9720, 9.3808, 24.5806



103.6100, -21.9927, 7.3580



97.8750, -7.3334, -27.9544

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



104.9760, 23.1828, -15.7650



177.9590, 8.8942, -6.1030



130.5130, 1.7191, -38.1609



88.0580, 5.3944, -3.5589



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



104.9760, 23.1828, -15.7650



123.8360, 35.5769, -24.4122



98.5960, 26.3282, 2.1083



71.0860, 2.9156, -1.8294



38.8530, 49.8655, -34.0741



3.8300, 4.5208, -3.3589

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



108.4870, -1.7191, 38.1609



129.0920, -2.5104, 58.6783



140.4040, -26.3282, -2.1083



71.6200, -0.3057, 4.7183



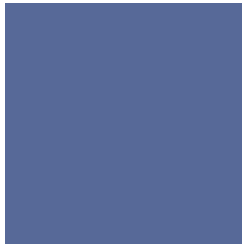
46.3060, -3.6019, 82.1696



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 104.9760, 23.1828, -15.7650 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 104.9760, 23.1828, -15.7650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

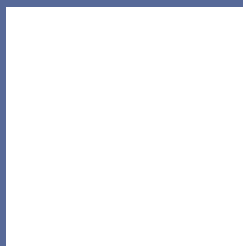
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.9760, 23.1828, -15.7650

Background



This preview shows how black text looks on a background with the YUV color 104.9760, 23.1828, -15.7650.



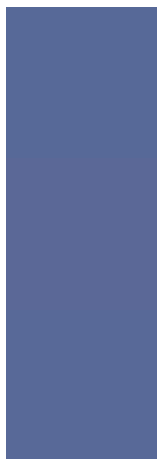
This preview shows how white text looks on a background with the YUV color 104.9760, 23.1828, -15.7650.

-15.7650.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

104.9760, 23.1828, -15.7650

Protanopia

105.4710, 22.4458, -12.6911

Deuteranopia

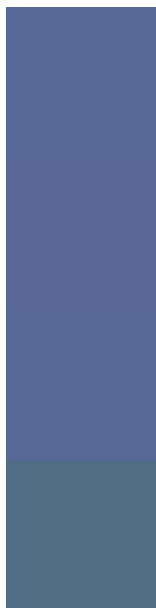
105.2750, 23.0354, -15.1502



Tritanopia

102.1590, 8.7956, -21.1874

Trichromacy



Original Color

104.9760, 23.1828, -15.7650

Protanomaly

105.1720, 22.5932, -13.3058

Deuteranomaly

105.2750, 23.0354, -15.1502

Tritanomaly

103.2500, 14.1738, -19.5132

Monochromacy



Original Color

104.9760, 23.1828, -15.7650

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8450, 8.4574, -6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9760, 23.1828, -15.7650 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(87, 105, 152)` looks like.

```
.text, #text, p{  
    color:rgb(87, 105, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(87, 105, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 105, 152) }
```

Border

The CSS property to change the border of an element to YUV 104.9760, 23.1828, -15.7650 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(87, 105, 152) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(87, 105, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(87, 105, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 105, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 105, 152);  
box-shadow:4px 4px 4px 4px rgb(87, 105,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 104.9760, 23.1828, -15.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 105, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(87, 105,  
152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor